

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: KUMAR et al.

Group No.: NGUYEN, DANNY

Serial No.: 10/053,685

Examiner: 2836

Filed:

**JANUARY 24, 2002** 

For: INNOVATIVE REGULATION CHARACTERISTICS IN MULTIPLE

**SUPPLY VOLTAGES** 

Mail Stop DD Commissioner for Patents P. O. Box 1450 Alexandria, VA 22313-1450

#### Dear Sirs:

- TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT

  DD
  oner for Patents
  1450
  a, VA 22313-1450

  The information disclosure statement submitted herewith is being filed within three months of the filing date of the application or date of entry into the nation 1. three months of the filing date of the application or date of entry into the national stage of an international application or before the mailing date of a first Office Action on the merits, whichever event occurs last. 37 C.F.R. §1.97(b).
- 2. The information disclosure statement transmitted herewith is being filed after three months of the filing date of this national application or the date of entry of the national stage as set forth in §1.491 in an international application or after the mailing date of the first Office Action on the merits, whichever event occurred last but before the mailing date of either:
  - a final action under §1.113 or **(1)**
  - a notice of allowance under §1.311, whichever occurs first. (2)

## **CERTIFICATION OR FEE**

|  | A.  | Included with this transmittal is:   |  |  |  |  |  |  |  |  |  |
|--|---|--|--|--|--|--|--|--|--|--|--|
|  |   | i.   |  | a certification (set forth below) in accordance with 37 C.F.R. §1.97(e). (If for any reason the certificate set forth below should be unsatisfactory, the Commissioner is provisionally authorized to charge the \$180 fee (37 C.F.R. §1.17(p)) to Deposit Account No. 16-1805. A copy of this sheet is enclosed.) |  |  |  |  |  |  |  |
|  |   |  |  | OR   |  |  |  |  |  |  |  |
|  |   | ii.  |  | the attached fee set forth in 37 C.F.R. §1.17(p) for submission of an information disclosure statement under §1.97(c). (\$180.00).   |  |  |  |  |  |  |  |
| The information disclosure statement transmitted herewith is being file final action under §1.113 or a notice of allowance under §1.311, which first, but before, or simultaneously with the payment of the issue fee.   |   |  |  |  |  |  |  |  |  |  |  |
|  | ERTIFICATION, PETITION AND FEE                                |  |  |  |  |  |  |  |  |  |  |
|  | A. In accordance with the requirements of 37 C.F.R. §1.97(d): |  |  |  |  |  |  |  |  |  |  |
| i. Set forth below is a certification as specified in 37 C.F.R. §1.9   |   |  |  |  |  |  |  |  |  |  |  |
|  |   | ii. Applicant hereby petitions for the consideration of the accompanying information disclosure statement. 37 C.F.R. §1.97(d)(ii). |  |  |  |  |  |  |  |  |  |
|  |   | iii.   | Applio   | cant submits the petition fee set forth in §1.17(p). (\$180.00).   |  |  |  |  |  |  |  |
|  |   |  |  | CERTIFICATION  |  |  |  |  |  |  |  |
|  |   |  |  | (Required if 2Ai or 3 above is marked)   |  |  |  |  |  |  |  |
| 4.   | I, the  | person s   | signing l  | below, certify   |  |  |  |  |  |  |  |
| that each item of information contained in the information disclosure state was cited in a communication from a foreign patent office in a counterparapplication and that the communication is dated not more than three mont to the filing of the statement. 37 C.F.R. §1.97(e)(1).  OR |   |  |  |  |  |  |  |  |  |  |  |
|  |   | cited i<br>applic<br>makin   | f information contained in the information disclosure statement was amunication from a foreign patent office in a counterpart foreign to the knowledge of the person signing the certification after nable inquiry, was known to any individual designated in §1.56(c) see months prior to the filing of the statement. 37 C.F.R. §1.97(e)(2). |  |  |  |  |  |  |  |  |

5. If it should be determined that for any reason either an insufficient or an excessive fee has been paid, please charge any insufficiency or credit any overpayment necessary to ensure consideration of the information disclosure statement for the above-identified application to Deposit Account No. 16-1805. A copy of this petition is enclosed.

Respectfully submitted,

PILLSBURY WINTHROP LLP

Dated: December 4, 2003

James M. Wakely

Registration No. 48,597 Attorney for Applicant(s)

725 South Figueroa Street, Suite 2800

Los Angeles, CA 90017-5406 Telephone: (213) 488-7100 Facsimile: (213) 629-1033

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop DD, Commissioner for Patents, P. O. Box 1450, Alexandria VA 22313-1450, on 12/4/03.

James M. Wakely, Reg. No. 48,597

| INFORMATION DISCLOSURE CITATION 81 |  |  |     |                |          |      |          |              | D cket Numb r (Optional) Application N . 10/053,685 |                |   |               |          |                        |                |                                       |
|------------------------------------|--|--|-----|----------------|----------|------|----------|--------------|---|----------------|---|---------------|----------|------------------------|----------------|---------------------------------------|
| IN AN APPLICATION / Applicant      |  |  |     |                |          |      |          |              |   | t<br>tal.      |   |               |          |                        |                |                                       |
| (Use several sheets if necessal)   |  |  |     |                |          |      |          |              |   | MARIN CONTE    | Filing Date<br>JANUARY 24, 2002         |               |          | Gr up Art Unit<br>2836 |                |                                       |
|                                    |  |  |     |                |          |      |          |              | II S. P.  | ATENT DO       | CUMENTS                                 |               |          |                        |                |                                       |
|                                    | IINER  | DOC  | UME | NT             | NUN      | /BEI | R        |              | DATE  |                | AME                                     | CLASS         | SUBCLASS |                        |                | DATE                                  |
| INIT                               |  | 001 0  | 0   | 0 4 5 8 1 5 A1 |          |      |          |              | 11/29/01  | Muratov et al. |   |               |          |                        | IF APPROPRIATE |                                       |
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|                                    |  |  |     |                |          |      |          |              |   |                |   |               |          |                        |                |                                       |
|                                    |  |  |     |                |          |      |          |              |   |                | DOCUMENTS                               |               |          |                        |                |                                       |
|                                    |  |  |     |                |          |      |          | R            | DATE  | CO             | CLASS                                   | SUBCLAS<br>S  |          | Translati n<br>Yes N   |                |                                       |
|                                    | ۷  | VO 0   | 0   | 7              | 9        | 3    | 7        | 0 A1         | 28/12/00  | 1              | PCT                                     |               |          |                        | Х              |                                       |
|                                    |  |  |     |                |          |      |          |              |   | <u> </u>       | ····                                    |               |          |                        |                |                                       |
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|                                    | <del></del> ,  |  |     |                | _        |      |          |              |   |                |   |               |          | <del></del>            |                | <u> </u>                              |
|                                    |  | <b>"</b> G   | FNF | RAI            |          |      |          |              |   |                |   | Pertinent Pag |          |                        | ITS DUAL       | " Novica                              |
|                                    |  | "GENERALIZED SYNTHESIS AND APPLICATIONS OF ZERO-IMPEDANCE CONVERTER AND ITS DUAL", Novica A. Losic, et al., IEEE TRANACTIONS ON CIRCUITS AND SYSTEMS I: FUNDAMENTAL THEORY AND APPLICATIONS, IEEE INC., NEW YORK, U.S., Vol. 46, No. 11, November 1999, pgs. 1349-1359, XP000931899, ISSN: 1057-7122 |     |                |          |      |          |              |   |                |   |               |          |                        |                |                                       |
|                                    |  | INTERNATIONAL SEARCH REPORT FOR PCT/US 00/16802  |     |                |          |      |          |              |   |                |   |               |          |                        |                |                                       |
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|                                    | MINER  |  |     |                |          |      |          |              | DATE CON  |                |   |               |          |                        |                |                                       |
|                                    | EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant. |  |     |                |          |      |          |              |   |                |   |               |          |                        |                |                                       |

PTO/SB/08 (10-92)

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE



AF128-1368

PATENT 81674-276911

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

KUMAR et al.

Serial No: 10/053,685

Filed: January 24, 2002

INNOVATIVE REGULATION

CHARACTERISTICS IN MULTIPLE SUPPLY

**VOLTAGES** 

Examiner: NGUYEN, DANNY

Art Unit: 2836

I hereby certify that this correspondence is being facsimile transmitted to the U.S. Patent and Trademark Office (Fax No. (703) 305-1341) on

December 4, 2003 Date of Deposit

James M. Wakely

Signature

COURTESY COPY OF INFORMATION DISCLOSURE STATEMENT ("ISS

**Commissioner for Patents** P. O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Attached herewith is a courtesy copy of an IDS and 4 accompanying references that are being officially filed today, December 4, 2003, along with the requisite fee of \$180 set forth in 37 CFR §1.17(p) and the statement specified in 37 CFR §1.97(e). This courtesy copy is being provided to the Examiner because applicants submitted a

Rule 116 amendment on November 24, 2003 and want the attached references to be considered without having to file a Request for Continued Examination ("RCE").

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Copied from 10053568 on 19-02-2004 Copied from 10053658 on 02/02/2006

Applicants request an action on the merits. If for any reason the Examiner finds the application other than in condition for allowance, the Examiner is requested to call the undersigned attorney at the Los Angeles telephone number (213) 488-7100 to discuss the steps necessary for placing the application in condition for allowance should the Examiner believe that such a telephone conference would advance prosecution of the application.

Respectfully submitted,

PILLSBURY WINTHROP LLP

Date: December 4, 2003

By: James M. Wakely

James M. Wakely

Registration No. 48,597 Attorney For Applicants

Date: December 4, 2003

Roger R. Wise

Registration No. 31,204 Attorney For Applicants

725 South Figueroa Street, Suite 2800

Los Angeles, CA 90017-5406 Telephone: (213) 488-7100

Facsimile: (213) 629-1033



# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| In re application of:<br>KUMAR et al.  | Crown No.  | NOUVEN DANDY  |
|--|------------|---|
| KOMAK et al.   | Group No.: | NGUYEN, DANNY   |
| Serial No.: 10/053,685   | Examiner:  | 2836  |
| Filed: JANUARY 24, 2002  |            |   |
| For: INNOVATIVE REGULATION   |            |   |
| CHARACTERISTICS IN MULTIPLE<br>SUPPLY VOLTAGES   |            |   |
| SOITET VOLTAGES  |            |   |
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| TRANSMITTAL OF INFORMATI  Mail Stop DD  Commissioner for Patents   | ON DISCLO  | DSURE STATEMENTS DEC 18                                       |
| Mail Stop DD Commissioner for Patents P. O. Box 1450   | ON DISCLO  | DSURE STATEMENTS, CEN   |
| TRANSMITTAL OF INFORMATI  Mail Stop DD  Commissioner for Patents P. O. Box 1450  Alexandria, VA 22313-1450             | ON DISCLO  | DEC 16 2003 DEC 16 2003 DEC 16 2003                           |
| TRANSMITTAL OF INFORMATI  Mail Stop DD  Commissioner for Patents P. O. Box 1450  Alexandria, VA 22313-1450  Dear Sirs: | ON DISCLO  | DEC 16 2003 DEC 16 2003 DEC 16 2003 DEC 16 2003               |
| Commissioner for Patents P. O. Box 1450 Alexandria, VA 22313-1450  | ON DISCLO  | DEC 16 2003 DEC 16 2003 TECHNOLOGY CENTER 2800 SURE STATEMENT |

## Dear Sirs:

- 1. The information disclosure statement submitted herewith is being filed within three months of the filing date of the application or date of entry into the national stage of an international application or before the mailing date of a first Office Action on the merits, whichever event occurs last. 37 C.F.R. §1.97(b).
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  - (1) a final action under §1.113 or
  - **(2)** a notice of allowance under §1.311, whichever occurs first.

## **CERTIFICATION OR FEE**

|  | A.                                   | Inclu   | Included with this transmittal is:   |  |  |  |  |  |  |  |  |
|--|--------------------------------------|---|--|--|--|--|--|--|--|--|--|
|  |                                      | i.  |  | a certification (set forth below) in accordance with 37 C.F.R. §1.97(e). (If for any reason the certificate set forth below should be unsatisfactory, the Commissioner is provisionally authorized to charge the \$180 fee (37 C.F.R. §1.17(p)) to Deposit Account No. 16-1805. A copy of this sheet is enclosed.) |  |  |  |  |  |  |  |
|  |                                      | ii.   | $\boxtimes$  | OR the attached for set fouth in 27 C.E.B. \$1.17(n) for only in its accordance to   |  |  |  |  |  |  |  |
|  | •                                    | 11.   |  | the attached fee set forth in 37 C.F.R. §1.17(p) for submission of an information disclosure statement under §1.97(c). (\$180.00).   |  |  |  |  |  |  |  |
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|  |                                      |   | CI   | ERTIFICATION, PETITION AND FEE   |  |  |  |  |  |  |  |
|  | Α.                                   | In accordance with the requirements of 37 C.F.R. §1.97(d):  |  |  |  |  |  |  |  |  |  |
|  |                                      | i.  | Set for  | rth below is a certification as specified in 37 C.F.R. §1.97(e).   |  |  |  |  |  |  |  |
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|  |                                      | iii.  | Applic   | cant submits the petition fee set forth in §1.17(p). (\$180.00).   |  |  |  |  |  |  |  |
|  |                                      |   |  | CERTIFICATION  |  |  |  |  |  |  |  |
|  |                                      |   |  | (Required if 2Ai or 3 above is marked)   |  |  |  |  |  |  |  |
| <b>1</b> .   | I, the person signing below, certify |   |  |  |  |  |  |  |  |  |  |
|  |                                      | that each item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application and that the communication is dated not more than three months prior to the filing of the statement. 37 C.F.R. §1.97(e)(1).  |  |  |  |  |  |  |  |  |  |
|  |                                      | that no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of the statement. 37 C.F.R. §1.97(e)(2) |  |  |  |  |  |  |  |  |  |
|  |                                      |   |  |  |  |  |  |  |  |  |  |

5. If it should be determined that for any reason either an insufficient or an excessive fee has been paid, please charge any insufficiency or credit any overpayment necessary to ensure consideration of the information disclosure statement for the above-identified application to Deposit Account No. 16-1805. A copy of this petition is enclosed.

Respectfully submitted,

PILLSBURY WINTHROP LLP

Dated: December 4, 2003

James M. Wakely
Registration No. 48,597
Attorney for Applicant(s)

725 South Figueroa Street, Suite 2800

Los Angeles, CA 90017-5406 Telephone: (213) 488-7100 Facsimile: (213) 629-1033

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop DD, Commissioner for Patents, P. O. Box 1450, Alexandria VA 22313-1450, on 12/4/03.

James M. Wakely, Reg. No. 48,59